

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 22 Dec 2023 until 23:59 on Saturday 23 Dec 2023

Forecast Issued on Friday 22 Dec 2023 at 01:01

Confidence: High confidence for windy conditions until Boxing Day with periods of gales for the first few days, wet conditions on Friday and Saturday may make walking conditions poor with spells of poor visibility.

Headline for Friday 22 Dec 2023: Blustery showers may group to give longer spells of rain, a few brighter spells too, feeling cold on the higher tops in strong winds.

Mountain weather hazards on Friday 22 Dec 2023

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy Rain	Heavy rain showers	Heavy rain showers	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
40%	60%	60%	30%	30%	30%

Forecast for Friday 22 Dec 2023

Weather: Frequent blustery or squally showers will move through the Yorkshire Dales on Friday, mostly cloudy in between showers and quite dull. Showers may cluster together to give longer spells of rain particularly in the northwest of the area. Very gusty winds around heavier showers. Showers perhaps turning to more persistent rain through the evening.

Chance of cloud-free hill tops above 600m: 40%, low cloud associated with showers throughout the day.

Low Cloud and visibility: Scattered or broken cloud above 400m can be expected throughout the day, cloud may clear briefly out with showers but as showers gather it will become more overcast. Visibility will be moderate or good out with showers but turning poor in showers temporarily.

Forecast for Friday 22 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 W	30/42 W	30/43 W	28/40 W	27/39 W	29/42 W	32/46 W
300	15/33 W	20/42 W	21/43 W	20/41 W	18/38 W	19/38 W	20/43 W
Valley	11/29 W	16/37 W	16/36 W	15/33 W	13/30 W	16/34 W	19/40 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-1	5/-1	5/-1	5/-1	5/-2	5/-1
300	7/3	7/3	7/3	7/3	7/3	7/2	7/2
Valley	8/5	8/5	9/5	8/5	8/5	8/5	9/5
Freezing Level*	1400m	1400m	1400m	1400m	1400m	1400m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold on the hills in the very strong winds, especially gusty around any showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 22 Dec 2023	20mm	41.8mm	45.8mm

Forecast for Saturday 23 Dec 2023

Weather: Light rain expected for much of the day on Saturday with strong westerly winds continuing. The best conditions will be found in the east. Perhaps some drier conditions during the afternoon but remaining mostly cloudy and quite dull.

Maximum wind: Westerly 30-35mph gusts 40-50mph.

Chance of cloud-free hill tops above 600m: 30%, a lot of persistent low cloud particularly in the west.

Low Cloud and visibility: Perhaps some cloud free tops during the morning but low cloud tending to form especially around western areas towards Sedburgh, becoming broken with bases above 500m. Visibility will be moderate or poor for much of the day.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above all summits.